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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-30 (Canceled)

31. (Previously presented) A method for producing a purified shark cartilage extract with anti-parathyroid hypertensive factor activity, comprising the steps of:

extracting cleaned, dried, ground shark cartilage with H₂O at a temperature between 95 -120°C for 2-4 hours,

cooling the resulting suspension to between 40-60°C, centrifuging the cooled suspension at between 5200-5700 rpm to separate the suspension into supernatant 1 and pellet,

holding the supernatant 1 in a cooling tank at 4-8°C,

extracting the pellet a second time with H₂O at a temperature between 85-120°C for 2-4 hours,

cooling the resulting suspension to between 40-60°C,

centrifuging the cooled suspension at between 5200 to 5700 rpm to separate the suspension into supernatant 2 and pellet,

pooling supernatant 1 with supernatant 2, and

spray drying the pooled supernatants to obtain the shark cartilage extract.

32. (Previously presented) The method according to claim 31, wherein said extracting steps are conducted at 95°C for 2 hours.

33. (Previously presented) The method according to claim 31, wherein a decanter centrifuge is used in said centrifuging steps.

34. (Previously presented) The method according to claim 31, further comprising concentrating the pooled supernatants until a solids content of between 8-10% is reached.

35. (Canceled).